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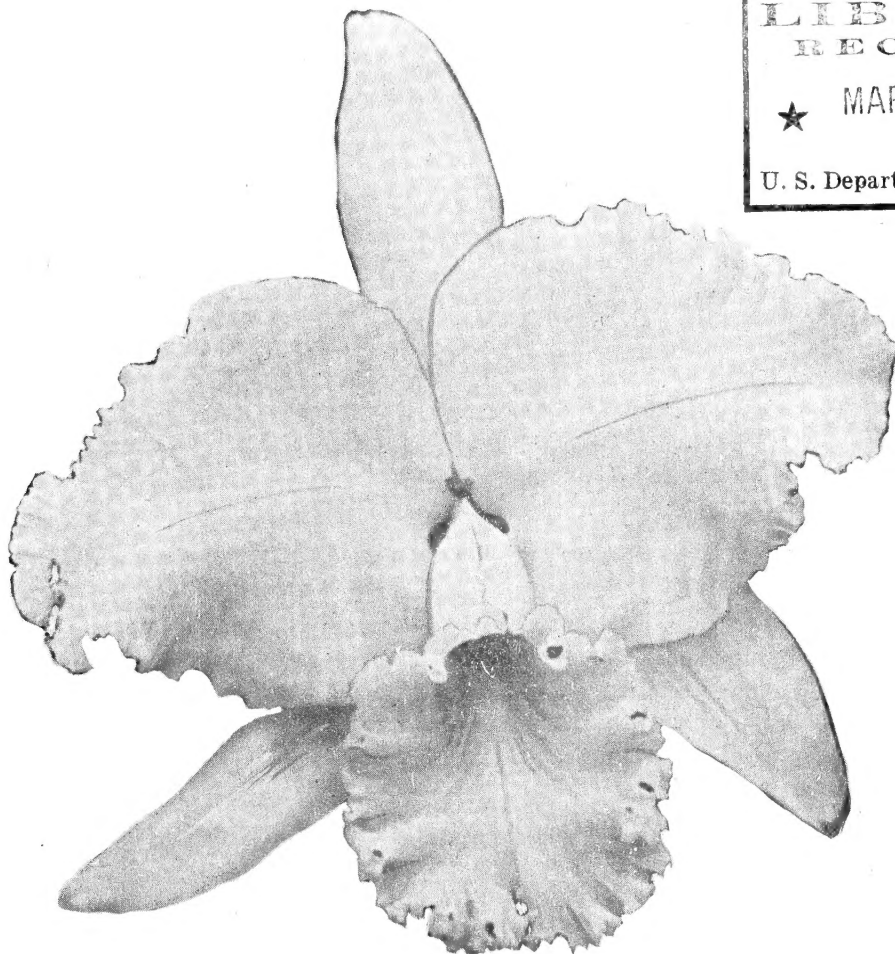
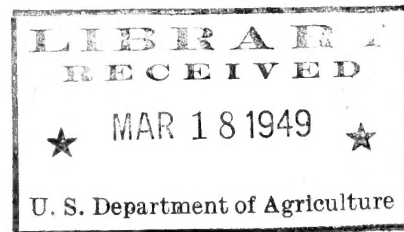
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SPRING OFFERING 1949

2 of orchids 2



CATTLEYA BOW BELLS, VAR. CHATTANOOGA

Clint McDade
& SONS

RIVERMONT ORCHIDS

SIGNAL MOUNTAIN, TENNESSEE

OUR POLICY

ORDERS Orders are filled immediately as they are received and in the sequence of their arrival, weather conditions permitting. It is not necessary to send payments with your order, although you may do so if you wish. All prices shown are F. O. B. Chattanooga.

SUBSTITUTIONS No substitutions of a different cross will be made unless authorized by you. We would like our customers to give us a second choice to be sent in the event that we are sold out of their first choice. Substitutions of a smaller size plant will be made unless otherwise directed.

BACK ORDERS In the event we are permanently sold out of a cross when your order is received, you will be advised. If a second choice has been specified it will be shipped. If we are temporarily sold out of a cross you will be notified, your order will be *back ordered* and the plants shipped when ready.

SHIPMENTS We are prepared to ship in fibre pots or burlap wrapping at no extra charge. However, plants will be shipped in clay pots unless otherwise requested. U. S. shipments will be made by Railway Express and foreign shipments by air mail or air express unless otherwise requested. We guarantee safe arrival of the plants but this guarantee is contingent upon the customer obtaining claim inspection reports from the transporting carrier in the event a shipment is damaged.

PAYMENT Invoices are enclosed with U. S. shipments and payment should be made upon receipt of plants. Foreign shipments must be prepaid and invoices are mailed after transportation charges are added.

NON-WARRANTY We give no warranty, either expressed or implied, as to the expectancy and productiveness of any of the plants we sell and will not be responsible for the crop. Our liability is limited to the purchase price of the plants.

CLINT MCDADE AND SONS
RIVERMONT ORCHIDS
Signal Mountain, Tennessee

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CATTLEYA SECTION

SEEDLINGS

The purchase of Orchid seedlings affords the commercial and experienced amateur grower a very economical means of keeping his Orchid collection up-to-date by acquiring the modern hybrids that are being developed each year. In addition to the exciting pleasure of having new seedlings bloom each year, the growing of these little fellows affords a tremendous amount of pleasure.

For the benefit of new Orchid enthusiasts, we would like to explain the ages of the plants in various pot sizes and the average time required before the plant may be expected to attain flowering size. We apologize to those of you to whom this is baby talk, but please bear with us.

COMMUNITY POTS

These plants are planted in colonies of ten to twelve plants per pot and the price shown is for the entire pot. *We cannot accept an order for less than 10 plants of a cross.* The plants are from 2 to 2½ years old and should attain flowering size in about 5 years.

SINGLE PLANTS

The following pots contain single plants and may be purchased in any quantity:

POT SIZE	AGE	TIME BEFORE BLOOMING
1-3/4"	3 to 3½ Years	3½ to 4 Years
2"	3½ to 4 Years	3 to 3½ Years
2½"	4 to 5 Years	2½ to 3 Years
3"	4½ to 5½ Years	2 to 2½ Years
3½"	5 to 6 Years	1½ to 2 Years
4"	5½ to 6 Years	1 to 1½ Years
4½"	6 to 7 Years	Of a size to flower
5"		on next lead.

Please bear in mind that growing conditions and geographical locations may alter these figures, but on the average, we believe them to be applicable.

It is our recommendation that amateur growers who have had no previous experience in growing seedlings, start with plants in single pots, preferably in the 2" size or above. 1-3/4" seedlings are also fairly easy to handle, but the mortality from community pot to 1-3/4" is sometimes very high for an inexperienced grower.

SEEDLINGS

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
X-100	LC. LOUELLA PARSONS (Lc. Jane Dane x C. gigas FMB) White with purple lip to bloom in the summer. This is a vigorous growing cross and these are exceptionally fine large plants.	2½" 3½"	\$4.00 7.50
X-101	C. HARDYANA, alba X LC. JANE DANE White with purple lip to bloom in the early fall. The popularity of these two parents is well known. These are large vigorous growing plants.	2" 2½" 3½"	2.50 4.00 7.50
X-106	LC. GEORGE BALDWIN (Lc. Princess Margaret x C. Enid) Lavender to bloom in the late fall and early winter. This is a proven cross that will produce dark lavender flowers of good substance.	3½"	9.00
X-108	C. TRIMOS (C. Mossiae x C. Trianae) Lavender to bloom in the winter. A proven hybrid to produce dependable winter flowering orchids. Very fine species were used in making this cross.	1-3/4" 2½" 3½"	1.50 3.00 6.00
X-109	C. ENID, alba (C. Mossiae Reineckiana, Young's variety x C. gigas FMB) White with purple to bloom in the winter. Another popular cross that has been repeated with fine parents.	2½" 3½"	5.00 9.00
R-393	C. ELLA MAE SUTTON X C. BOBBY JEWELL var. Signal Mt. Pure white to bloom in the fall. Vigorous grower.	2½"	4.00
R-403	LC. ACONCAGUA X LC. CYNTHIA, var. Rivermont White with colored lip to bloom in the fall. A pleasing shade of soft white with a very dark lip is expected.	2½" 3" 3½"	4.00 5.00 7.50
R-405	C. NINA, var. Rivermont X C. MEMORIA ROSEMARY Pure white to bloom in the summer. C. Memoria Rosemary is a very compact and wonderfully shaped orchid.	2½"	4.00
R-411	BC. DELIUS (Lc. Dietrichiana var. Splendens x C. Dinah, fine variety) Lavender to bloom in the fall. Dark heavy textured petals and dark lips should predominate.	2½"	3.00
R-412	C. EDITHAE, var. White Empress FCC X C. CLEMENTINE GOLDFARB Pure white to bloom in the late fall. This hybrid should be very fine.	2½"	4.00
R-414	LC. ACONCAGUA X C. PRISCILLA, alba Rivermont White with colored lip to bloom in the summer. The C. Priscilla, alba used in making this cross is one of the finest that we have seen. The white sepals were attractively marked with a tiny touch of purple at the ends of the petals.	2" 2½" 3½"	2.00 3.00 6.00

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-419	C. BOBBY JEWELL X C. RITA SLADDEN Pure white to bloom in the late fall. A vigorous growing cross.	2" 2½"	\$2.50 4.00
R-424	LC. GOLDEN GLEAM X BLC. MITHRA Yellow to bloom in the winter. This cross was made to produce winter flowering yellow orchids. We have seen it bloom and although the flower is small, the color is a clear soft yellow.	2" 2½" 3" 3½"	2.00 3.00 4.00 6.00
R-450	C. FREDIA SANDER X C. MINNEHAHA, F. C. C. Pure white to bloom in the winter. C. Minnehaha, FCC is a lovely white orchid with broad sepals and petals.	2½"	5.00
R-458	C. DECEMBER SNOW X BC. GATTON LILY A white Brassocattleya to bloom in the winter.	2" 2½"	2.50 4.00
R-463	C. WHITE EMPRESS X C. SAMUEL ENDICOTT Pure white to bloom in the late fall and early winter. This cross should be useful in producing Christmas whites.	2" 2½"	3.00 5.00
R-466	C. SNOW WHITE X C. EDITHAE, var. Signal Mt. Pure white to bloom in the late winter and early spring. The petals of C. Edithae, var. Signal Mountain are very broad, the flower having an 8" spread.	2" 2½"	2.50 4.00
R-468	C. JAVOTTE (C. Edithae X C. Lady Veitch, var. Rivermont) Pure white with a variable blooming season from late fall through early winter. This cross should be useful in producing some Christmas flowers.	2" 2½"	2.50 4.00
R-471	C. SNOW WHITE X C. DECEMBER SNOW Pure white to flower in the winter and early spring.	2" 2½"	2.50 4.00
R-494	C. PRISCILLA, alba X. LC. HASSALLII, alba White with colored lip to bloom in the summer. The coloring in this cross should be very fine, with many of the seedlings inheriting the very dark Laelia lip from Lc. Hassallii.	1-3/4" 2"	1.50 2.00
R-505	BLC. LAVENDER X C. TRIANAE, alba This cross was made to produce Christmas whites. The Blc. Lavender used was a large, heavy textured flower very faintly flushed with lavender. The C. Trianae was pure white. The resulting hybrid should peak fairly sharply around the Christmas season. The plants are vigorous growers.	1-3/4" 2" 2½" 3"	1.50 2.00 3.00 4.00
R-506	(C. HARRISONIAE X C. EMPRESS FREDERICK) X. C. MINUCIA Unusual yellow to bloom in the fall. We consider this a collectors item, having no commercial value. Both parents were a lovely shade of pink, havng yellow tipped lips.	1-3/4" 2"	1.50 2.00

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-507	C. CELIE X C. DECEMBER SNOW Pure white to bloom in the late fall. C. Celia has often been used as a parent because of its exceptionally snug shape.	2 2½	\$2.00 3.00
R-514	C. SOLARIO, var. LEMONORA X BLC. ZANTURANO, LABURNA Yellow to bloom in early winter. C. Solario has heavy yellow petals and a bright rose lip. The coloring of Blc. Zanturano, was of a lime yellow shade. The resulting hybrid should vary in color from chartreuse to a clear yellow.	Com. Pot 1-3/4	1.00 2.50
R-515	C. HELEN LANGLEY, alba X BLC. AMIDA C. Helen Langley was purchased from Charlesworth with seed pod. We have since seen the Helen Langley bloom and the flowers are small and heavy textured. It blooms for us during the summer.	1-3/4 2 2½	1.50 2.00 3.00
R-524	BLC. ZANTHEA, X BLC. DOROTHY DRURY-LOWE Bronze yellow to bloom in the fall. This is a mating between the light bronze Blc. Dorothy Lowe and the bright clear yellow of Blc. Zanthea. We expect varying shades of bronze to dark yellows.	1-3/4 3 3½	2.00 5.00 7.50
R-532	C. CLEMENTINE GOLDFARB X C. EDITHAE Pure white to bloom in the late fall and early winter. Vigorous growers.	Com. Pot 1-3/4 2 2½	7.50 1.50 2.00 3.00
R-548	(LC. CANBERRA X LC. LUCIFER) X SLC. SOULANGE, var. Splendens Unusual bronze to bloom in the fall. This is a novelty orchid and we expect varying shades of pink to bronze.	1-3/4	1.50
R-550	LC. YASMIN X LC. ARRAN Lavender to bloom in the summer. An unusual type of reddish-bronze lavender with dark purple lip.	1-3/4 2 2½ 3½	1.50 2.00 3.00 6.00
R-554	LC. SNOWDRIFT (C. Annette, var. Princess Mary x Lc. Cynthia, var. Rivermont.) White with colored lip to bloom in the fall and very early winter. A repeated cross with different parents. A few of the seedlings have been flowered and proven to be very good.	Com. Pot 1-3/4 2 3	7.50 2.50 3.00 6.00
R-571	BC. SEAFOAM X BLC. NANETTE, alba White with colored lip to bloom in the fall. This mating should produce some very lovely white Brassos. Blc. Nanette is a beautiful flower with a very distinctive tiny purple marking on the tip of the lip.	Com. Pot 1-3/4 2	7.50 2.00 2.50
R-584	LC. MONORA X C. MOSSIAE Lavender to bloom in the winter.	1-3/4 2 2½ 3 3½	1.50 2.00 3.00 4.00 6.00

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-606	C. MOSSIAE WAGNERI X C. DECEMBER SNOW Pure white to bloom in the early spring	1-3/4 2	\$2.00 2.50
R-611	C. MOSSIAE, var. Bergenfield X C. Thetis, var. Rivermont Lavender to bloom in the winter. C. Thetis, var. Rivermont has an excellent blooming record of producing good dark lavenders.	Com. Pot 1-3/4	7.50 2.00
R-612	C. ARDMORE X C. THETIS, var. Rivermont Lavender to bloom in the winter. Dark lavender with dark lips should predominate.	1-3/4 2	2.00 2.50
R-613	C. MOSSIAE, var. Bergenfield X LC. HELEN WILMER Lavender to bloom in the winter. This should be a fine lavender at a season when dark lavenders are scarce.	Com. Pot 1-3/4 2	7.50 2.00 2.50
R-614	C. METAPAN X LC. WINDERMERE, Clovely, AM RHS Lavender to bloom in the winter. This should be very fine.	1-3/4	2.50
R-617	C. ESTELLE X C. MINNEHAHA Pure white to bloom in the winter. We have great hope for this cross as we expect it to produce out- standing orchids. The C. Estelle that was used was of large size and good form and the blooms were very fragrant.	1-3/4 2 2 1/2	2.50 3.00 5.00
R-619	C. LORNA, alba X C. GIGAS, FMB White with colored lip to bloom in the late spring. This cross was made to produce June whites with colored lips and the flowering season of the re- sulting hybrid should peak sharply during that period.	1-3/4 2 2 1/2	2.50 3.00 5.00
R-642	C. PRISCILLA, alba X C. GIGAS FMB White with colored lip to bloom in the early summer. The C. Priscilla, alba used is a consistent July bloomer and the resulting hybrids should begin to flower in June with the majority flowering in July.	1-3/4 2 2 1/2	2.00 2.50 4.00
R-644	C. KIENASTIANA SANDERAE X C. NUTLEY, alba White with colored lip to bloom in the late spring. We believe this to be a very valuable commercial cross that will produce good whites with colored lips, during the May-June period.	1-3/4	2.00
R-651	LC. CARAVAN X LC. BEAUFIGHTER Yellow to bloom in the fall. Lemon yellow colors with varying shades of rose lips should predominate as a result of this mating.	Com. Pot	7.50
R-654	BLC. MALVERN X LC. THURGOODIANA Yellow to bloom in the fall. The orange coloring of BLC. Malvern combined with the light cream of Lc. Thurgoodiana should result in a good clear yellow with a dark purple lip. An excellent growing cross.	1-3/4	2.00

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-655	C. HARDYANA, alba X LC. CARAVAN Yellow to bloom in the fall. The result of this cross should be light yellow with a rose lip.	1-3/4 2 3 1/2	\$1.50 2.00 6.00
R-656	C. PRISCILLA, alba X LC. CANHAMIANA, alba, var. Rivermont White with colored lip with variable winter-spring blooming season. Lc. Canhamiana, var. Rivermont is a huge lovely flower with heavy white petals and a bright rose lip with a tiny white border.	1-3/4 2	2.00 2.50
R-657	C. DIONYSIUS, alba X LC. HASSALLII, alba White with colored lip to bloom in the summer. This should be a very free flowering cross that we expect to peak in August which is a scarce period for this type of orchid. C. Dionysius averaged a little better than five flowers per year over the last five years.	Com. Pot 1-3/4 2 2 1/2	7.50 2.00 2.50 4.00
R-658	C. SNOW SONG X C. IRENE, var. Rivermont Pure white to bloom in the late fall and early winter. C. Irene, var. Rivermont is a lovely white orchid with a deep orange throat. The C. Snow Song was ex- ceptionally large for this type of heavy textured orchid, the bloom measuring 6" across the petals.	Com. Pot	7.50
R-659	C. MONMOS X LC. HELEN WILMER Lavender to bloom in the winter and early spring. C. Monmos has good color and a large lip. The flowers were exceptionally large.	1-3/4	2.00
R-664	C. MARGARET HESS (C. Priscilla, alba x C. Mossiae, Youngs variety) White with colored lip having a variable blooming season throughout the winter. White with colored lips are very scarce during the winter period and consequently we expect this to be a valuable commercial cross.	Com. Pot	7.50
R-665	BLC. MALVERN X C. MOSSIAE REINECKIANA, alba Cream yellow to bloom in the winter. The coloring of this cross should not be too good. The cross was made to extend the blooming season of yellows into the winter.	1-3/4	2.00
R-666	LC. BERENICE, var. EMPRESS, AM, RHS X LC. DERRYANE, var. Rivermont. Lavender to bloom in the fall. Superior quality is expected here.	1-3/4	2.50
R-669	RLC. CONSUL GREIG X C. DOWIANA To bloom in the fall. Blc. Consul Greig is a fine yellow orchid of good texture. These seedlings should produce flowers of good yellow color with rose lips.	2	2.50
R-670	BC. HAM X C. MOSSIAE REINECKIANA, alba To bloom in the late fall and winter. Bc. Ham is a lovely white with purple lip brasso and produces wonderfully shaped flowers of large size and heavy texture.	1-3/4 2	1.50 2.00

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-675	C. SNOW SONG, var. Rivermont X C. CELIA, Rivermont Pure white to bloom in the fall. A small unusual pure white of very heavy texture, snug shape and free flowering habits is expected. This type of orchid is particularly suited for hair orchids and wedding bouquets.	1-3/4	\$150
R-676	LC. DERRYNANE X LC. H. G. ALEXANDER, FCC Lavender to bloom in the fall. Exceptional quality should result from the mating of these two fine parents.	1-3/4	2.50
R-677	C. BOW BELLS, var. CHATTANOOGA X C. MOSSIAE WAGNERI Pure white to bloom in the winter. C. Bow Bells is our best known pure white parent. The picture of the flower from this plant appears on the cover of this catalogue.	Com. Pot 1-3/4 2 2 1/2	10.00 3.50 5.00 7.00
R-680	LC. DERNA X LC. LUMINOSA Bronze yellow to bloom in the late fall. This mating should produce some fine flowers. Both parents have good records of producing heavy textured bronze-yellow flowers with deep purple lips.	Com. Pot 1-3/4 2 1/2	7.50 2.50 5.00
R-681	LC. DERNA X LC. ANNE WALKER Yellow to bloom in the fall. Clear bright yellows with reddish purple lips may be expected here. Both parents have excellent records of consistently producing good blooms, the Lc. Derna having been observed over a six year period and the Lc. Anne Walker over a four year period.	1-3/4 2	2.50 3.00
R-682	C. CHARYBDIS X BC. BRITISH QUEEN Lavender to bloom in the fall. We expect a traditionally English lavender hybrid of very large size.	Com. Pot	7.50
R-684	LC. NEW YORK (Lc. Aconcagua x C. Maggie Raphael, var. Brilliantissima) White with colored lip to bloom in the late fall. Lc. Aconcagua is noted for its scarlet lip.	1-3/4	2.50
R-687	C. PRISCILLA, alba X LC. CANHAMIANA, var. Rivermont White with colored lip with a variable blooming season through winter and spring. Lc. Canhamiana, var. Rivermont is a huge lovely flower with heavy white petals and a bright lip with a tiny white border. The resulting hybrid should not only have a very desirable season but should produce some outstanding flowers.	Com. Pot 1-3/4 2	7.50 2.00 2.50
R-689	BLC. THE FRIAR X C. MOSSIAE, var. Bergenfield Lavender to bloom in the winter. Blc. The Friar is a beautiful dark lavender with a very dark lip.	1-3/4	2.00
R-693	BLC. SABRINA X LC. HASSALLII, alba Cream yellow to bloom in the summer. Both parents are very good. The combination of the yellow coloring of Blc. Sabrina with the pure white petals and crimson lips of Lc. Hassallii should result in a very attractive cream colored Brasso with a very dark lip.	Com. Pot	7.50

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-696	LC. SNOWDRIFT X BLC. LAVENDER To bloom in the fall. Lc. Snowdrift is a well known parent and this mating should produce a new hybrid among which huge flowers with broad lips will predominate. Blc. lavender is almost pure white.	Com. Pot 1-3/4	\$7.50 2.00
R-697	L. PURPURATA, alba X L. PURPURATA White with colored lip to bloom in the spring. One of the most sought after species from which almost good white with colored lips have been bred. This cross was made between two of our best L. purpurata, albas.	1-3/4 2 2 1/2	2.50 3.00 5.00
R-699	C. BOW BELLS X C. MOSSIAE WAGNERI Pure white to bloom in the winter. Another Bow Bells cross from which we expect some outstanding whites.	Com. Pot 1-3/4	10.00 3.50
R-704	LC. LUMINOSA X LC. LUMINOSA Yellow to bloom in the fall. Both Lc. Luminosas used had good texture and very dark crimson lips. The petals should vary in shade from lemon yellow to orange.	Com. Pot 1-3/4	7.50 1.50
R-706	C. PETALENA X BLC. NANETTE To bloom in late fall. Excellent results may be expected from the mating of these two fine orchids. Blc. Nanette is a beautiful white orchid with a distinctive purple marking on its broad slightly fringed lip. C. Petalena is a large heavy textured flower, having a bright rose colored lip.	Com. Pot 1-3/4	7.50 2.00
R-707	LC. SNOWDRIFT X BLC. NANETTE, alba To bloom in the late fall. Both parents have consistent November blooming records. The resulting hybrid should produce an outstanding flower at a season when most of the best orchids bloom.	Com. Pot 1-3/4	7.50 2.00
R-708	C. BOW BELLS X C. CELIA Pure white to bloom in the fall. This cross between two well known pure whites should produce flowers combining the fine qualities of C. Bow Bells with the snug shape of C. Celia.	Com. Pot 1-3/4 2	10.00 3.50 5.00
R-709	LC. SNOWDRIFT X BLC. LAVENDER To bloom in the fall. Lovely large flowers with wide petals and broad lips should result from this mating. Blc. Lavender is almost pure white.	Com. Pot 1-3/4	7.50 2.00
R-710	LC. CANHAMIANA, alba var. Maxine Stillman X LC. OENONE White with colored lip to bloom in the winter. These two superb parents combine all of the desirable characteristics that we search for in the breeding of white with colored lip. Season is good, Lc. Oenone having a consistent December blooming record and Lc. Canhamiana a consistent June record. Large size, vivid purple lip, heavy texture and good form predominate in both parents. Combining these characteristics with the free flowering habits of Lc. Canhamiana should make this new hybrid extremely desirable.	Com. Pot	10.00

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-712	LC. H. G. ALEXANDER, FCC X C. MOSSIAE Lavender to bloom in the winter. A very large dark Mossiae was used with Lc. H. G. Alexander, FCC and this mating should produce some exceptionally fine winter blooming lavenders.	Com. Pot	\$10.00
R-715	BLC. MORNING SUN X BLC. CONSUL GREIG Yellow to bloom in the late fall and early winter. The combination between the soft cream yellow of Blc. Morning Sun and the clear golden yellow of Blc. Consul Greig should result in a very pleasing clear yellow orchid. The lip is expected to be broad and of an attractive deep rose coloring.	Com. Pot 1-3/4	7.50 2.00
R-720	BLC. MORNING SUN X BLC. GOWAN Yellow to bloom in the late fall and early winter. We have great hope for a superior yellow hybrid. The Blc. Morning Sun used was a soft sulphur yellow with the very tip of the lip a rose color. The Blc. Gowan used was of the same shade of yellow but with a completely yellow lip. Orchids with all yellow petals, sepals and lip should predominate.	Com. Pot 1-3/4 2	7.50 2.00 2.50
R-723	C. WHITE EMPRESS X C. EDITHAE Pure white to bloom in early winter. This cross was made to produce Christmas whites. Both parents have consistently produced good flowers during December and January over the last several years.	Com. Pot	10.00
R-728	C. MONMOS X BC. WARNHAM BEAUTY, AM. RHS. Lavender to bloom in the late winter to early spring. Both parents have records of producing fine flowers in the winter and early spring.	Com. Pot 1-3/4	7.50 2.50
R-729	C. MOSSIAE X BC. MRS. ROBERT PATERSON, var. Invicta Lavender to bloom in the early spring. A large dark Mossiae was used with Bc. Mrs Robert Patterson, which produces huge lavender flowers of very heavy texture.	Com. Pot	7.50
R-730	LC. CHARLES FUTTERMAN X BLC. CALIGULA, MAG. FCC, RHS. Lavender to bloom in the early spring. Both parents have records of consistently producing excellent flowers in the spring.	Com. Pot	10.00
R-731	C. MONMOS X LC. NELSON Lavender to bloom in the late winter and early spring. Large flowers of heavy texture, good form and good color will predominate here.	Com. Pot	7.50
R-733	C. JBMOS, alba (C. Mossiae, Wagneri X C. Trianae, Broomhill's variety) Pure white to bloom in the early spring. This is a proven cross to produce good commercial whites.	Com. Pot	7.50
R-737	C. NUTLEY, alba X C. Harold, alba White with colored lip to bloom in the late spring. We expect a free flowering hybrid that should peak very sharply at this exceedingly desirable season.	Com. Pot	7.50

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-738	C. ELEANORE X C. HAROLD, alba White with colored lip to bloom in the late spring. C. Eleanore is a lovely flower, having heavy clear white petals with a rose lip and distinctive yellow eyes in the throat.	Com. Pot 1-3/4	\$7.50 2.50
R-739	C. LORANORE X C. HAROLD, alba White with colored lip to bloom in the late spring. C. Loranore is noted for its long graceful lip and sparkling clear white petals. The C. Harold is also a clear white orchid having an attractive white frilled border edging the dark lip. This same Harold was used in making cross R-738.	Com. Pot 1-3/4	7.50 2.50
R-744	BLC. MALVERN X LC. BLETCHLEYENSIS Yellow to bloom in the fall. We expect a light yellow with a dark lavender lip from this cross. The dark crimson lip of Lc. Bletchleyensis was very attractively outlined with a tiny white border.	Com. Pot	7.50
R-747	LC. DERNA X LC. BLETCHLEYENSIS Yellow to bloom in the fall. A lemon yellow coloring is expected here, the lip being predominantly dark. Lc. Bletchleyensis is the same plant that was used in cross R-744.	Com. Pot	7.50
R-752	LC. MT. SHASTA X BLC. LAVENDER White with colored lip to bloom in the fall. This cross was made to produce a white with colored lip Brasso. The Blc. Lavender has been used in many of our crosses, having a record of producing excellent flowers.	Com. Pot	7.50
R-754	C. GRETCHIN MERRILL X C. MINNEHAHA, var. Rivermont Pure white to bloom in the early spring. C. Gretchin Merrill is a lovely heavy textured pure white that has consistently bloomed for us in April. C. Minnehaha, var. Rivermont is a beautiful large white that blooms in January and this mating is ex- pected to produce high quality whites for an early Easter.	Com. Pot 1-3/4	7.50 2.00
R-762	C. LORANORE X C. HAROLD, alba White with colored lip to bloom in the late spring. Please refer to cross R-739. The same C. Harold was used but with a different C. Loranore.	Com. Pot	7.50

CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
R-774	C. ELEANORE X C. GIGAS, Bedford's variety White with colored lip to bloom in the late spring. and early summer. This cross was made to produce white with colored lips to cover the June and early July demand for this type of orchid.	Com. Pot	\$7.50
R-781	C. BOW BELLS X C. SNOW SONG, var. Rivermont Pure white to bloom in the fall. This mating should produce an unusual type of pure white combining the fine qualities of C. Bow Bells with the leathery texture of C. Snow Song.	Com. Pot	10.00
R-798	C. BOW BELLS X C. SNOW SONG Pure white to bloom in the fall (Refer to R-781 for further comment).	Com. Pot	10.00
R-805	C. INTERTEXTA, alba (C. Warnerii, alba x C. Mossiae Wagneri) Pure white with variable blooming and season extending from winter to spring. A proven cross of commercial value.	Com. Pot	7.50
R-826	C. BOW BELLS X SNOW SONG Pure white to bloom in the fall (Refer to R-781 for further comment).	Com. Pot	10.00
R-847	C. BOW BELLS X C. MINNEHAHA, variety Rivermont Pure white to bloom in the late fall. The resulting hybrid from these magnificent parents should produce exceptionally fine flowers.	Com. Pot 1-3/4	10.00 3.50
R-853	C. BOW BELLS, variety Gladys Lines X C. MOSSIAE, WAGNERI, var Rivermont. Pure white to bloom in the winter. Another C. Bow Bells cross, from which we expect some outstanding whites.	Com. Pot	10.00
R-888	C. TRIMOS, alba (C. Mossiae Wagneri, Var. Rivermont X C. Trianae, Broomhill's variety) Pure white to bloom in the early spring. This is a proven cross to produce good commercial whites.	Com. Pot	7.50

FLOWERING SIZE, NEAR FLOWERING SIZE SEEDLINGS AND ADULT PLANTS

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CROSS NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
X-102	C. S. E. ENDICOTT X C. CLEMENTINE GOLDFARB Fall blooming pure white. A good grower producing well shaped flowers of good texture. Plants are of a size to flower on next lead.	4	\$12.50
X-103	C. TRENTINO X C. MRS. MYRA PEETERS Winter blooming pure white. A very vigorous grower and exceptionally floriferous cross after plants have gained maturity. Plants are of a size to flower on the next lead.	4 5 6	15.00 20.00 25.00
	C. SWAN (C. Edithae, var. La Madelon X MLE. LOUISE PAUWELS) A repeated cross with exceptionally fine parents. These are lovely whites of good form and texture that flower in late winter and early spring. These plants have been repotted during the last 12 months and are well established in new osmundine. Fine healthy plants of flowering size.	5 6 7	20.00 25.00 30.00
X-100	LC. LOUELLA PARSONS (Lc. Jane Dane x C. gigas, F. M. B.) White with purple lip to bloom in the summer. This is a vigorous growing cross and these are exceptionally fine large plants of a size to flower on the next lead.	4	15.00
HYBRID STRAYS	When we lose the identification tag from an orchid plant it is relabeled as a "Stray" and the price is reduced. We cannot tell the parentage or color, of course, but coming from a collection containing good hybrid seedlings in white, white with purple lip and yellows, we believe it to be a very good buy.	4	10.00
X-110	LC. GEORGE BALDWIN (Lc. Princess Margaret x C. Enid) Lavender to bloom in the late fall and early winter. This is a proven cross to produce dark lavender flowers of good substance. Plants are of a size to flower on the next lead.	4	12.50
	C. INTERTEXTA JULIETTIAE (C. Warnerii, alba x C. Mossiae Wagneri) Winter to early spring flowering pure white.	5 6 7	20.00 25.00 30.00
	C. PATRICE MUNSEL (C. Cowianae, alba x C. Irene, var. Rivermont) Late winter to early spring flowering pure white.	4 5 6	17.50 20.00 25.00
	C. CADES, alba (C. Angelina x C. Ella Mae Sutton) Winter flowering pure white.	5 6	20.00 25.00
	C. EUCHARIS X C. ELLA MAE SUTTON Winter flowering pure white.	5 6	20.00 25.00

DIVISIONS OF EXHIBITIONS AND STUD PLANTS

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For those Orchid connoisseurs and breeders who want plants of proven quality, we have many fine things to offer this year. It has always been our policy to never sell the entire plant of an outstanding Orchid and, as a result, we have been forced to turn down some tempting offers for plants that were seen in bloom by some of our customers.

We now have for sale pieces of some very fine plants. Since we usually have only one, or perhaps two pieces of each plant to offer, it is impractical to list them all here. We have prepared a separate listing of each division that is currently available and we invite inquiries for this list.

Among the most popular and best known are the following crosses that are priced within the ranges indicated.

C. BOW BELLS (C. Edithae White Empress x C. Suzanne Hye)

This outstanding white orchid is beautiful beyond description. A most vigorous grower. Produces large well shaped heavy textured pure white blooms with lovely yellow throats. Normal blooming season is fall and second lead blooms occur frequently.

FLOWERING SIZE DIVISIONS OF NAMED OR AWARDED VARIETIES (PRICE ON APPLICATION)

SELECTED VARIETIES:

A - Division to flower on next lead\$100.00
B - Back bulb propagations to flower in 2 to 3 years 65.00

ORDINARY VARIETIES OR PIECES OF PLANTS THAT HAVE NOT BEEN ASSIGNED AN IDENTIFICATION NUMBER:

A - Divisions to flower on next lead \$75.00
B - Back bulb propagations to flower in 2 to 3 years 50.00

LC. DERRYANE (Lc. Balkis x Lc. Princess Mary)

A very large dark lavender orchid with darker lip. A very fine well shaped heavy textured flower that rates among the best in the fall when competition for quality is the most intense.

Divisions to flower on the next lead are offered at these prices:

Named or awarded varieties.....(Price on application)
Selected varieties\$50.00 to \$75.00

CATTLEYA STALIN (C. Angus x C. Gloriette)

For those who like contrasting colors in their orchids this is a very desirable flower. Blooms are large and very well shaped. Sepals and petals are an attractive clear pastel lavender with the ruffled lip being of a deep magenta color. Flowering season extends from late spring to early summer. Flowering size divisions are available as follows:

Named or awarded varieties(Price on application)
Selected varieties\$45.00 to \$65.00

**CROSS
NUMBER****CROSS AND EXPECTANCY****POT SIZE PRICE**

LC. SNOWDRIFT (Lc. Cynthia, var. Model x C. Annette)

A well known lovely white with purple lip that blooms in the fall. Large flowers of good form and texture. This hybrid has been extensively used as a breeder. Divisions to flower on the next lead are offered at these prices:

Named or awarded varieties.....(Price on application)

Selected varieties.....\$50.00 to 100.00

LC. DERNA (Lc. Nuggett x C. Dowiana, aurea)

This is one of our best yellows and we have used this hybrid widely as a parent. Colors in petals and sepals vary among plants of this cross from a lovely chartreuse to deep golden yellow. Deep purple isthmus type lips predominate, although a very few plants have the full lip. Divisions to flower on the next lead are priced as follows:

Named or awarded varieties(Price on Application)

Selected fine varieties\$75.00 to 125.00

MATURE CATTLEYA HYBRID PLANTS OF COMMERCIAL VARIETIES

There are times in the year when we have a surplus of flowers for our cut flower needs. When this happens we mark up for sale a certain amount of adult plants. A card is made on each plant and an exact description of the flower is written into our records by the trained people who grade and cut the flowers. The plant is priced on the basis of its size and the relative value of the flowers it produced.

We have been employing this method of selling plants for several years and are selling some very good plants in the following price ranges:

Lavender	\$5.00 to \$25.00
White with purple lip	15.00 to 30.00
White	15.00 to 30.00
Yellows	15.00 to 30.00

There are a very few exceptional plants that might be valued at a slightly higher price, but most of them fall within these ranges.

Since we have only one plant of each of many different crosses it would be impractical to list them here. However, we prepare mimeographed lists of these plants from time to time and send them to our customers. Should you be interested in buying some strong well established mature plants, write for our current offerings and they will be mailed to you at once.

CATTLEYA SPECIES

These magnificent plants are well established in 5 to 8 inch pots. They are only a few years from the forests. The price is determined by the size and weight of the plant, minimum standards and prices are as follows:

Small plant	3 to 6 Bulbs and Leaves	\$3.50
Medium plant	4 to 7 Bulbs and Leaves	5.00
Large plant	6 to 10 Bulbs and Leaves	7.00

To those who live in climates suitable for growing orchids outside, this is a wonderful opportunity to buy plants for tree planting, thereby giving your garden a truly tropical atmosphere. For the amateur or commercial grower who wants to supplement his bloom production in the winter and spring, the plants are a good buy at these prices.

CATTLEYA TRIANAE

Normal blooming season is December through February. The flowers have light lavender petals and sepals and a dark lavender lip. One of the better known species.

CATTLEYA SCHRODERAE

Normal blooming season is February through April. The flowers are of varying shades of pink with a bright yellow throat. Although the flowers are not as large as C. Trianae, this genera is very floriferous and will usually average 3 or more flowers per spike.

VANDA GENERA

These are the small lovely spray orchids popularly known as blue orchids. Normal blooming season is early winter. These plants were imported two years ago and are now well established and growing nicely. They are of flowering size.

VANDA COERULEA

Small plants	(To flower in 2 to 3 years)	\$6.00
Medium plants	(To flower in 1 to 2 years)	10.00
Large plants	(Flowering size)	15.00

C Y M B I D I U M S E C T I O N

The following plants were shipped to us from our subsidiary firm, Armstrong and Brown, Tunbridge Wells, Kent, England. Some are still in English pots of various sizes and we have priced them on the basis of quality and plant size rather than pot size. Large plants are of a size to bear flowers now; medium plants within 12 months and small plants within 24 months.

CROSS AND EXPECTANCY	SIZE	PRICE
CYM. CUPIDO (Erica Sander x Ceres, var. Orchidhurst)	Medium	\$10.00
Very nice beige and brown colors. Winter flowering.	Small	7.50
CYM. ECLAIR (Eclipse var. Rubrum x Carisbrook)	Medium	12.00
Varying shades of red. Good flowering habit.	Small	9.00
Winter flowering.		
CYM. JOY SANDER (Pauwelsii x Ceres, var. Orchidhurst)	Large	12.50
Pleasing shades of beige and pink.	Medium	10.00
Winter flowering.	Small	7.50
CYM. LOUIS SANDER (Alexanderi x Ceres)	Large	15.00
Varying shades of pink.	Medium	12.00
Spring flowering.	Small	9.00
CYM. LYOTH (Ceres, var. Orchidhurst x insigne)	Large	15.00
Varying shades of delicate pink.	Medium	12.00
Spring flowering.	Small	9.00
CYM. MADONA (Alexanderi, Westonbirt, var. FCC x P. W. Jansen)	Medium	35.00
Heavy textured flowers of good form. Petals are white, slightly flushed with pink. Distinctive red markings on the labellum. Spring flowering.	Small	25.00
CYM. PROFUSION (Vesta x Ceres, var. Orchidhurst)	Large	18.00
Flowers of good substance, having a deep pink coloring. Spring flowering.	Medium	15.00
	Small	12.00
CYM. VANGIE (Castor aureum x Erica Sander)	Large	15.00
Light shades of greens and yellows with red markings on the lip. Very attractive. Winter flowering.	Medium	12.00
	Small	9.00

UNFLOWERED SEEDLINGS IN SMALLER SIZES

On the average, the length of time required for Cymbidium Seedlings to grow from present pot sizes to a flowering sized plant is as follows:

3" Pot	4 Years	4" Pot	2 Years
3½" Pot	3 Years	4½" Pot	1 to 2 Years

NUMBER	CROSS AND EXPECTANCY	POT SIZE	PRICE
	CYM. CLARE ARMSTRONG (Alexanderi Westonbirt var. FCC x Mirella)	4½	\$25.00
	A favorite cross among Cymbidium connoisseurs. Free flowering habits with a wide range of pleasing colors. Greens and yellows predominate, but some pinks and whites result from this cross. Spring flowering.		
R-309	CYM. Godwil x President Wilson Green coloring with rust overlay is expected here. Winter flowering.	4	7.50
R-445	CYM. Sunrise var. Ruby x Ceres, var. F. J. Hanbury, FCC	3	4.50
	A dark and colorful cross to bloom in the late winter. Good growers.	3½	6.00
R-13	CYM. Ralph Sander x Caprice	4½	15.00
R-14	A few of these seedlings have already been		
R-15	flowered. Very attractive well formed flowers of pink, red and orange-red coloring may be expected. Winter flowering.		

BACK BULBS

For those who live in climates suitable for out-door culture of Cymbidiums, back bulbs present a very economical way of growing these most attractive flowers in one's garden. It is also a very inexpensive way of expanding your greenhouse stock. These bulbs are potted and have new growths that are already rooted. They are about 4 years from flowering size. Please refer to the adult plants in this section for complete information covering the habits of these crosses.

CROSS	PRICE
CYM. CUPIDO	\$2.00
CYM. JOY SANDER	2.00
CYM. LOUIS SANDER	3.00
CYM. LYOTH	3.00
CYM. PROFUSION	3.50
CYM. VANGLE	3.00

DIVISIONS OF EXHIBITION AND STUD CYMBIDIUM PLANTS

For those who want certain plants of proven quality or for breeding purposes, we have some fine things to offer this year. In most instances we have only one piece of each plant to offer and it is impractical to list them here. However, we have prepared lists of the stock we have and a copy will be mailed to you at once if you will request it.

CROSS AND EXPECTANT

NUMBER

THE STATE UNIVERSITY (Agriculture)
A laboratory of the Department of Agriculture
The following results were obtained from the
analysis of the soil samples taken from the
field on the 15th of May 1911.

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were obtained from the analysis of the soil
samples taken from the field on the 15th of
May 1911.

On the 15th of May 1911 the following results
were obtained from the analysis of the soil
samples taken from the field on the 15th of
May 1911.

H-10

H-11

H-12

H-13

H-14

H-15

BACK BILLS

For those who are interested in the results of the
analysis of the soil samples taken from the field
on the 15th of May 1911, the following results
were obtained from the analysis of the soil
samples taken from the field on the 15th of
May 1911.

Cross

1.00

2.00

3.00

4.00

5.00

6.00

7.00

8.00

CYR. CUPIDO
CYR. JOY SANDER
CYR. EDWIN SANDER
CYR. LYON
CYR. THOMAS
CYR. VANGIE

DIVISION OF EXTENSION AND EDUCATION

For those who are interested in the results of the
analysis of the soil samples taken from the field
on the 15th of May 1911, the following results
were obtained from the analysis of the soil
samples taken from the field on the 15th of
May 1911.